Docket No. AUS9-2000-0636-US1

ABSTRACT OF THE DISCLOSURE

5   **METHOD AND APPARATUS FOR PROVIDING A RELIABLE PROTOCOL**

FOR TRANSFERRING DATA

A method, apparatus, and computer implemented instructions for transferring data. A request is sent by a requestor to a responder. The request includes an amount of available processing space at the requestor. When the request is received from the responder, data is identified using the request. The data is placed into a plurality of subsequences of data packets for transfer to the requestor, wherein each packet within the set of subsequences hold data in amount less than or equal to the amount of available space. These subsequences are then sent to the requestor one subsequence at a time. A new subsequence is sent each time the available processing space at the requestor becomes free to process data from another subsequence. The requestor receives a subsequence from the plurality of subsequences in response to the request each time the amount of available processing space is free, wherein data within each of the set of subsequences fits within the amount of available processing space.